

## Soakcube 500 - Assembly

<b>Preparation</b>		<b>Qty</b>
<b>Tools Required</b>	None	
<b>Safety</b>	Lightweight gloves recommended for safe handling as some sharp corners may be present on injection moulded items	
<b>Components Required</b>	Panel	6
	Half Pipe (support)	2
<b>Other Items</b> (Not included in standard sales pack)	<ul style="list-style-type: none"><li>• Geotextile membrane (see page 14)</li><li>• Jointing Compound or similar lubricant (see page 6)</li></ul>	

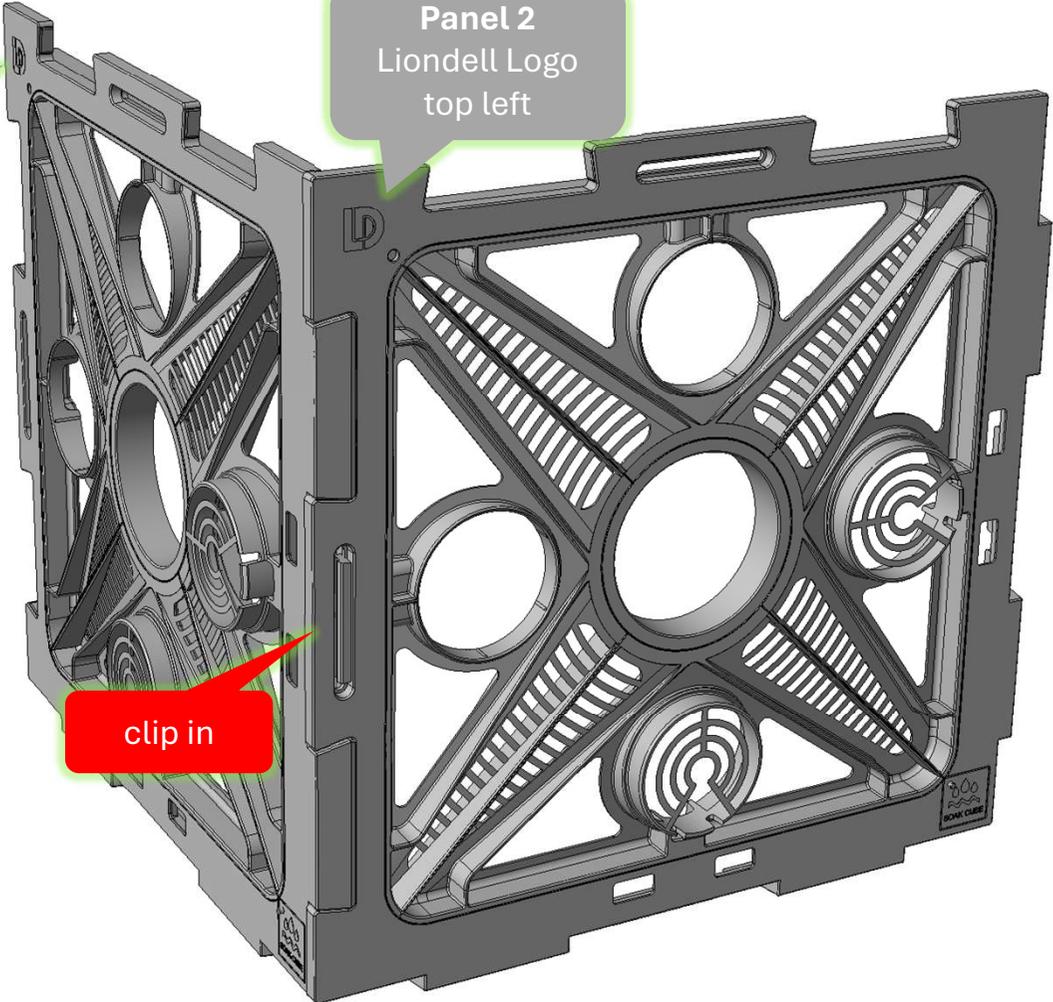


# Soakcube 500 - Assembly

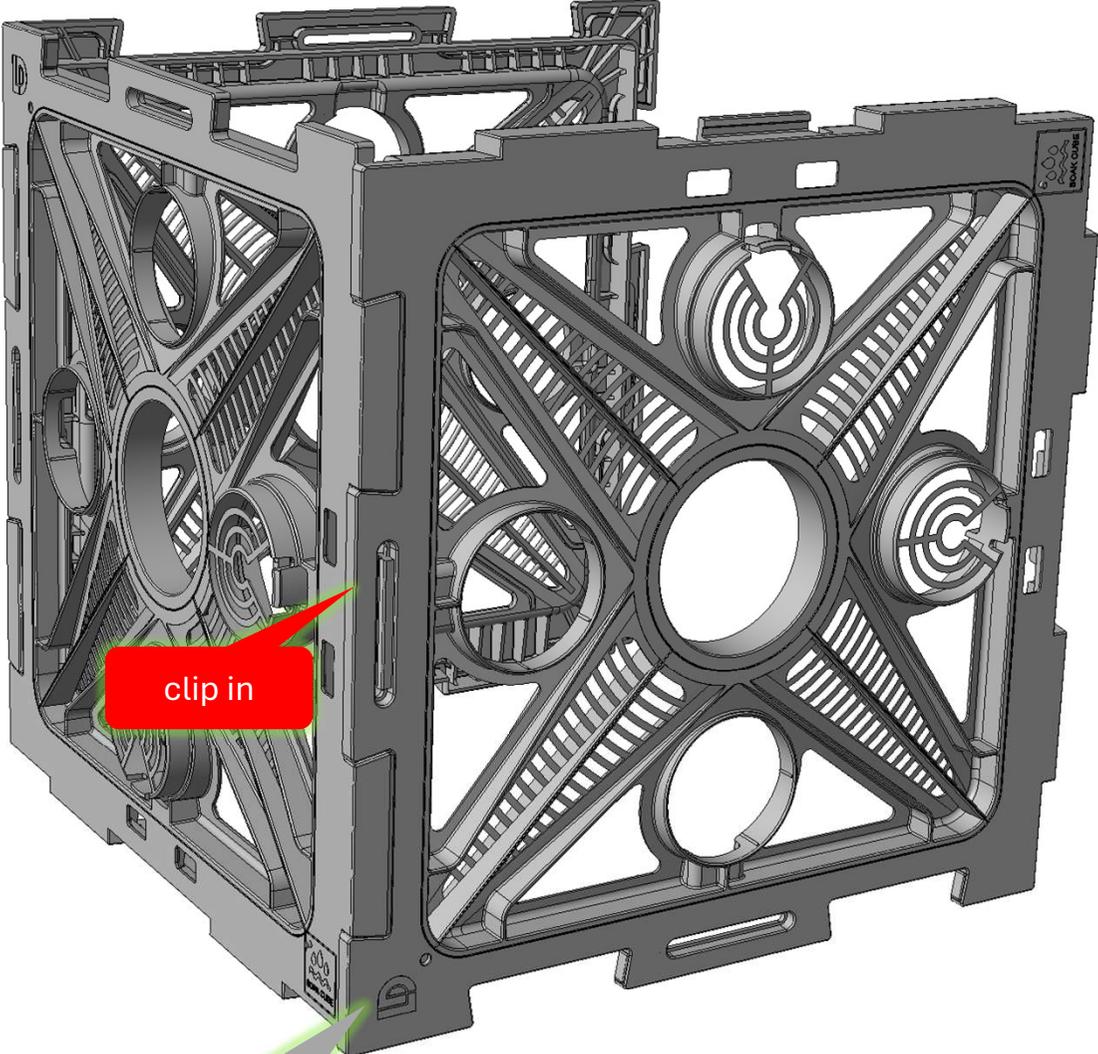
Panel 1  
Liondell Logo  
top left

Panel 2  
Liondell Logo  
top left

clip in



# Soakcube 500 - Assembly

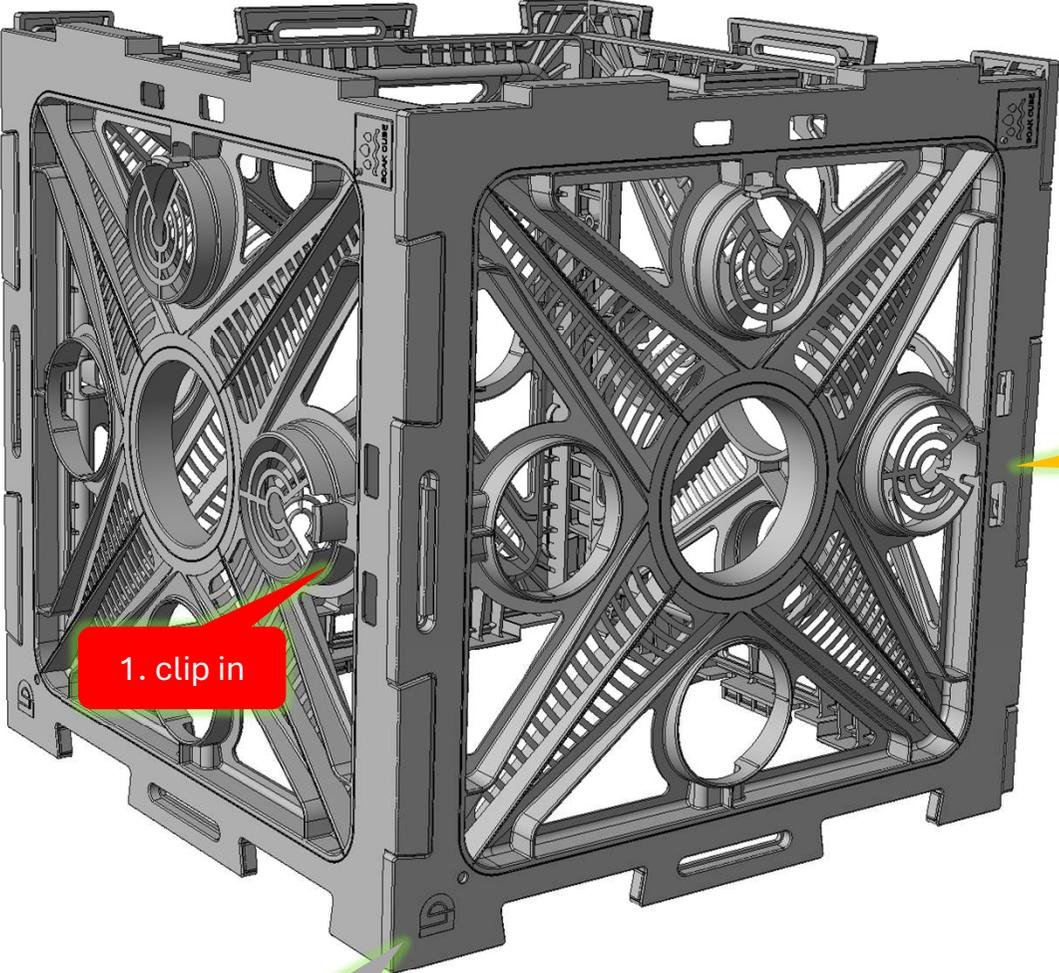


clip in

Panel 3  
Liondell Logo  
Bottom left



# Soakcube 500 - Assembly



1. clip in

2. clip in

Panel 4  
Liondell Logo  
Bottom left



# Soakcube 500 - Assembly

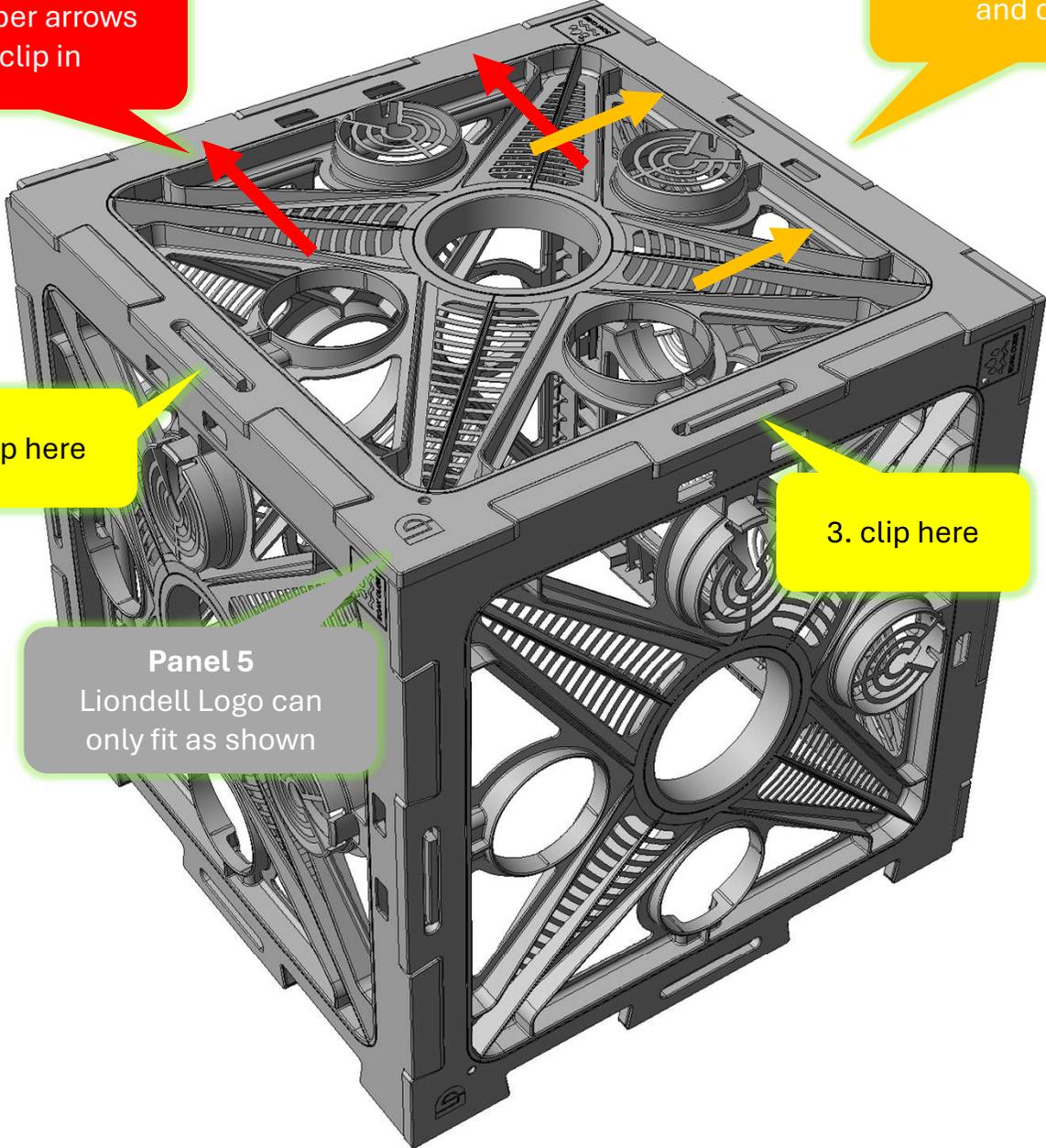
1. Slide per arrows and clip in

2. Slide per arrows and clip in

3. clip here

3. clip here

Panel 5  
Liondell Logo can only fit as shown



# Soakcube 500 - Assembly

## Internal Support

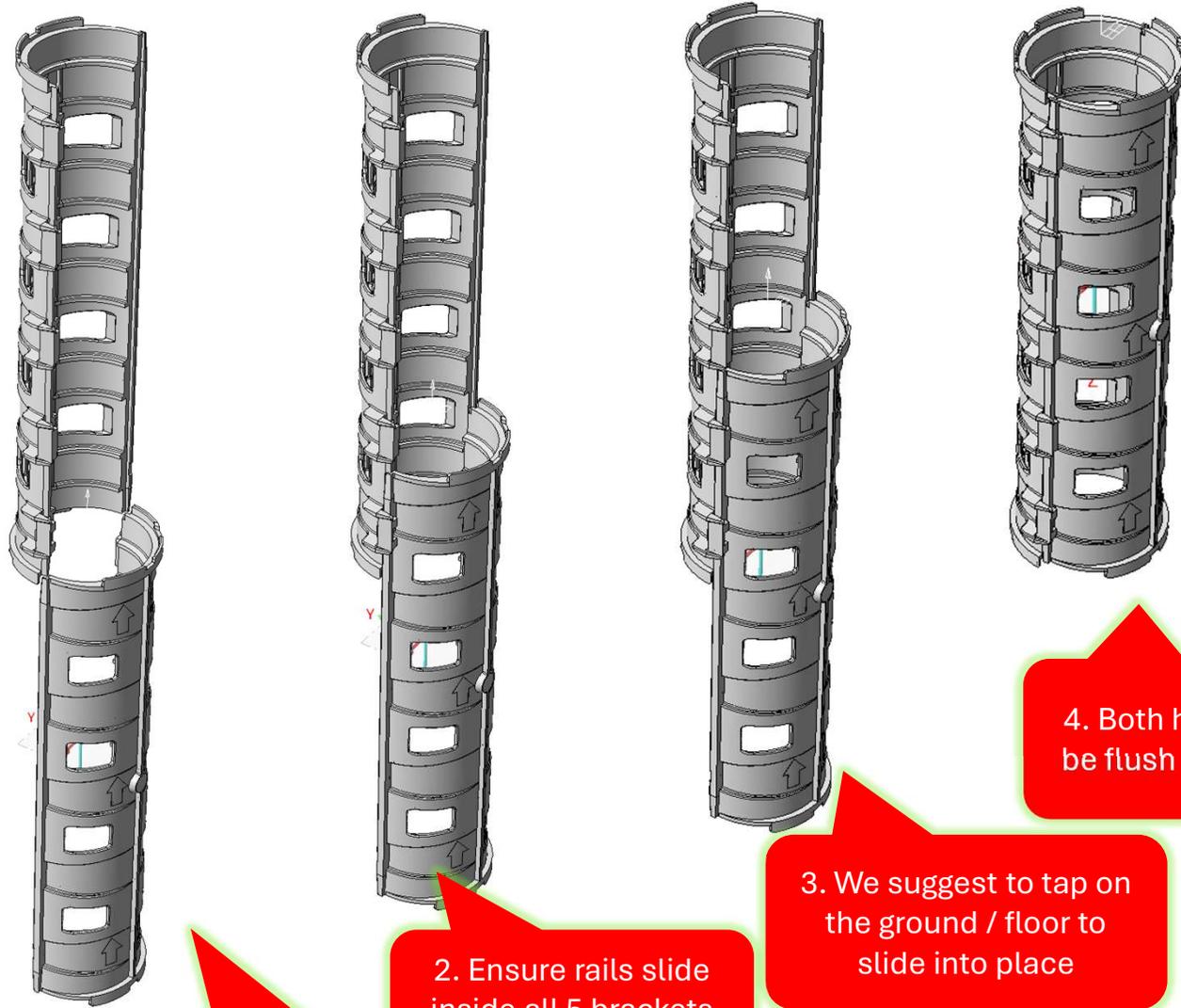
### Important:

These parts are designed to have a tight sliding fit.

BUT

**Misalignment could lead to clip breakage. Care must be taken**

To aid assembly, lubrication in the form of jointing compound or similar is recommended



1. Rotate one half through 180 degrees  
Align tabs carefully and push together

2. Ensure rails slide inside all 5 brackets on both sides

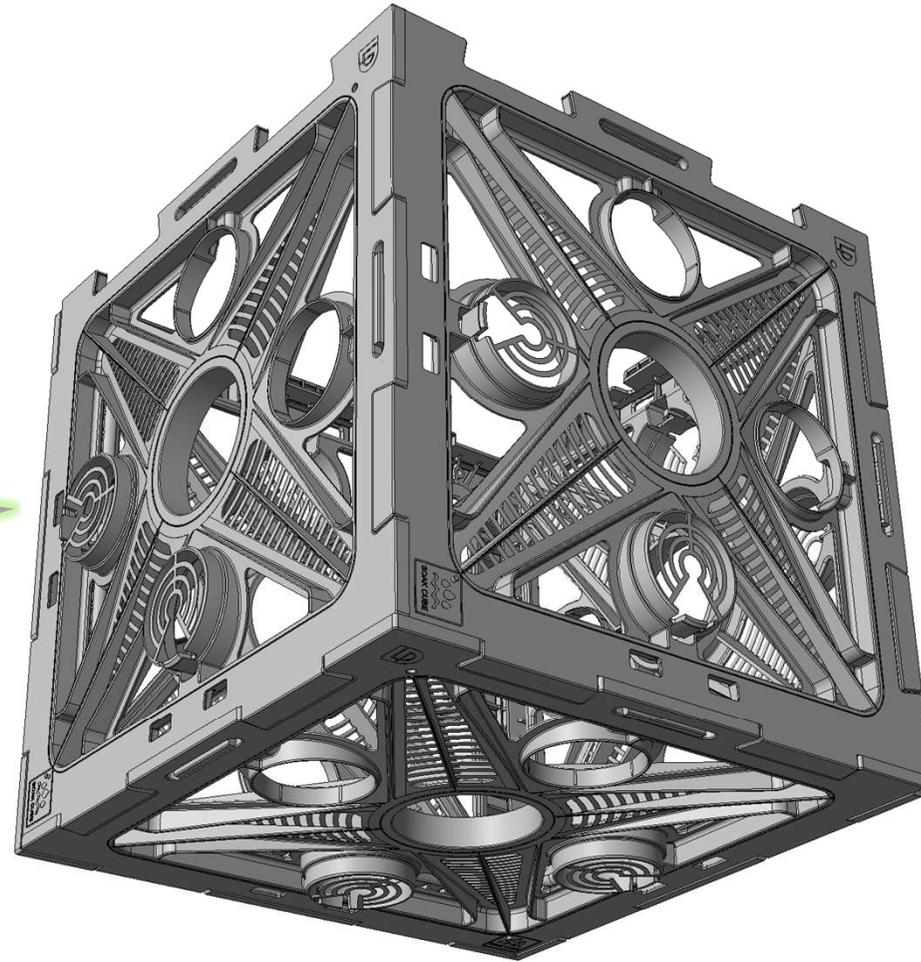
3. We suggest to tap on the ground / floor to slide into place

4. Both halves should be flush to each other

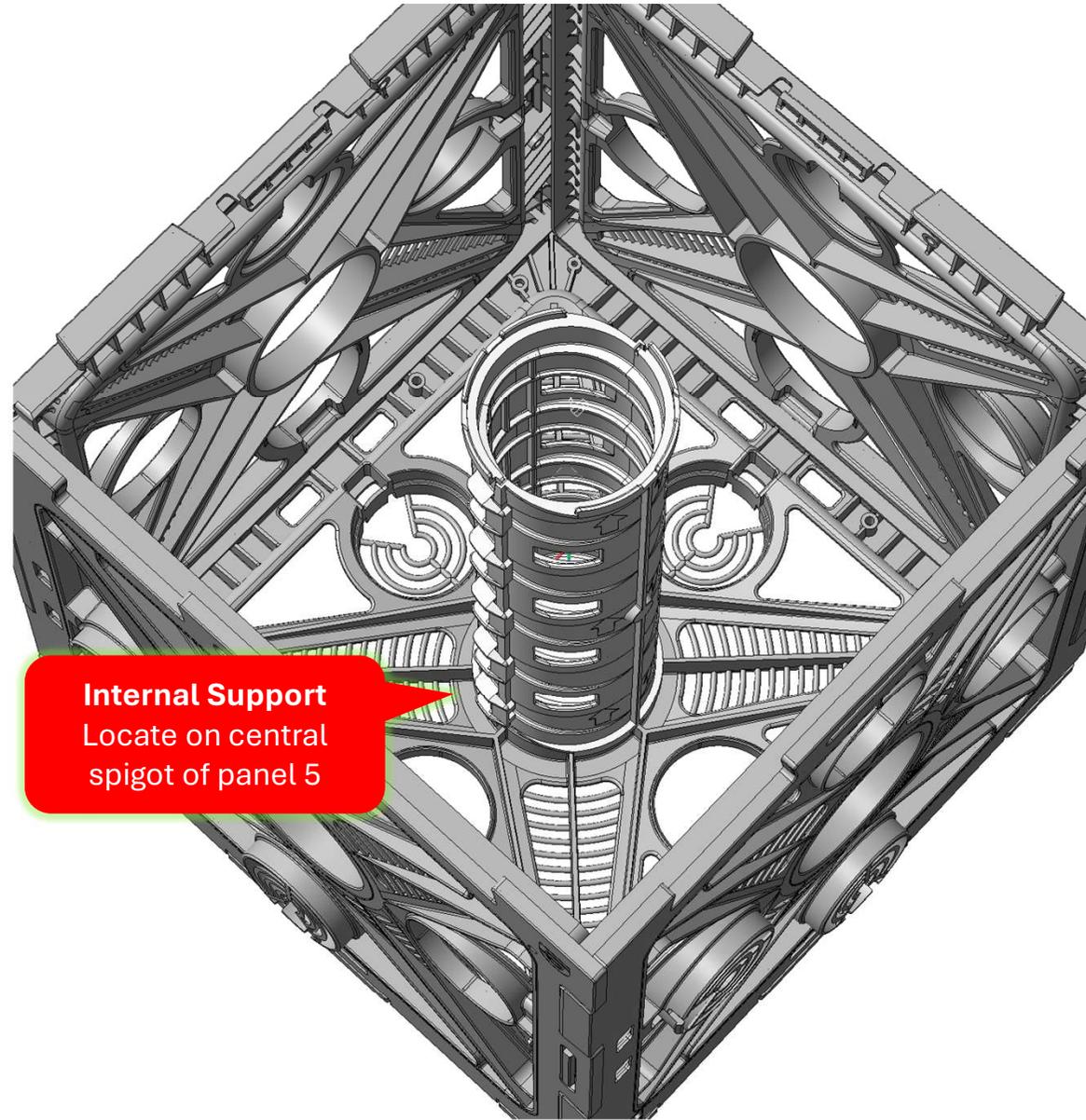


## Soakcube 500 - Assembly

To install Internal Support  
Reverse 5-sided assembly  
as shown – open side up!



## Soakcube 500 - Assembly



**Internal Support**  
Locate on central  
spigot of panel 5



# Soakcube 500 - Assembly

Panel 6  
Liondell Logo can  
only fit as shown

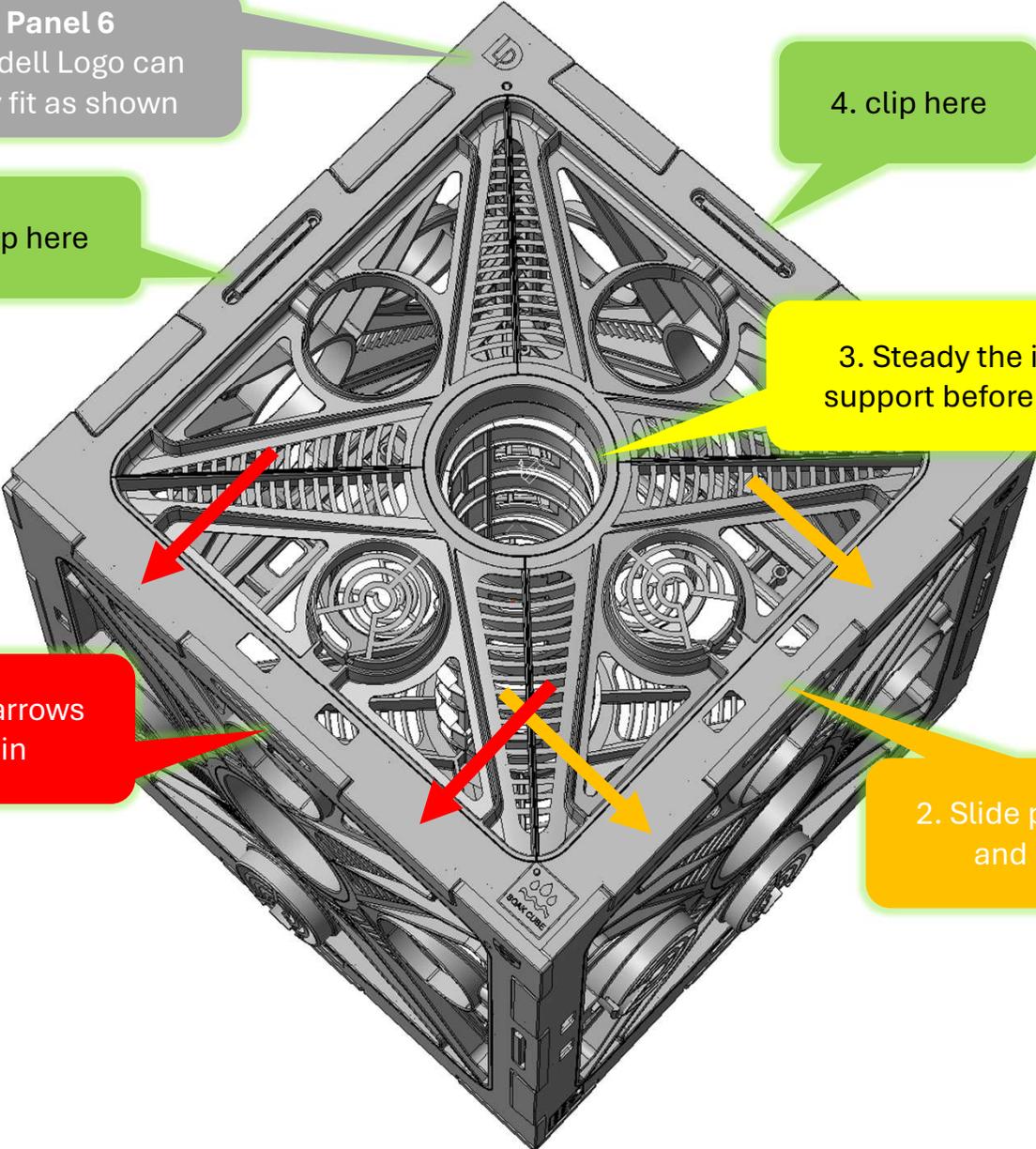
4. clip here

4. clip here

3. Steady the internal  
support before clipping

1. Slide per arrows  
and clip in

2. Slide per arrows  
and clip in



## Soakcube 500 - Assembly

### Internal Support

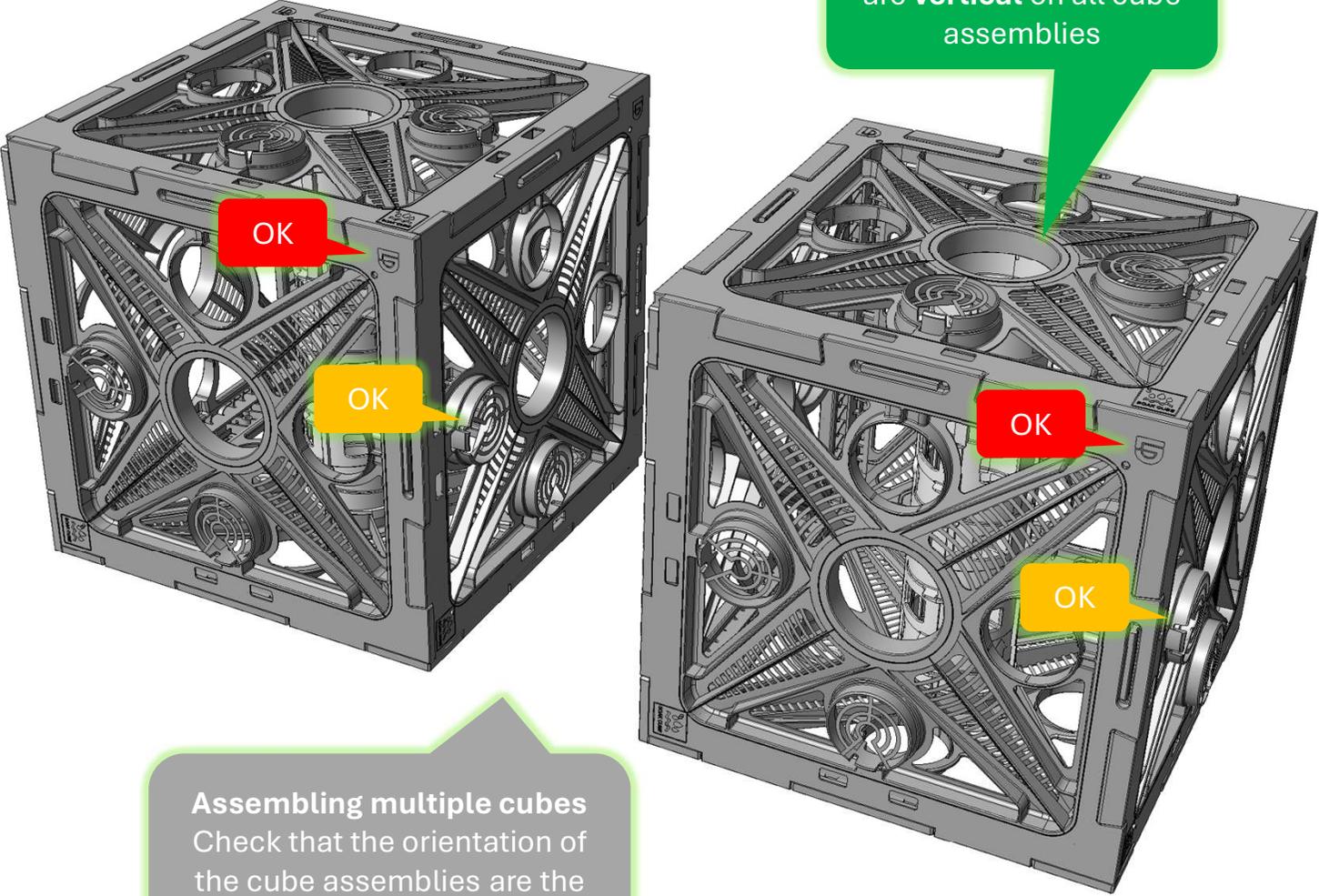
Ensure that internal support assembly is located on central spigot of panel 6



### Note:

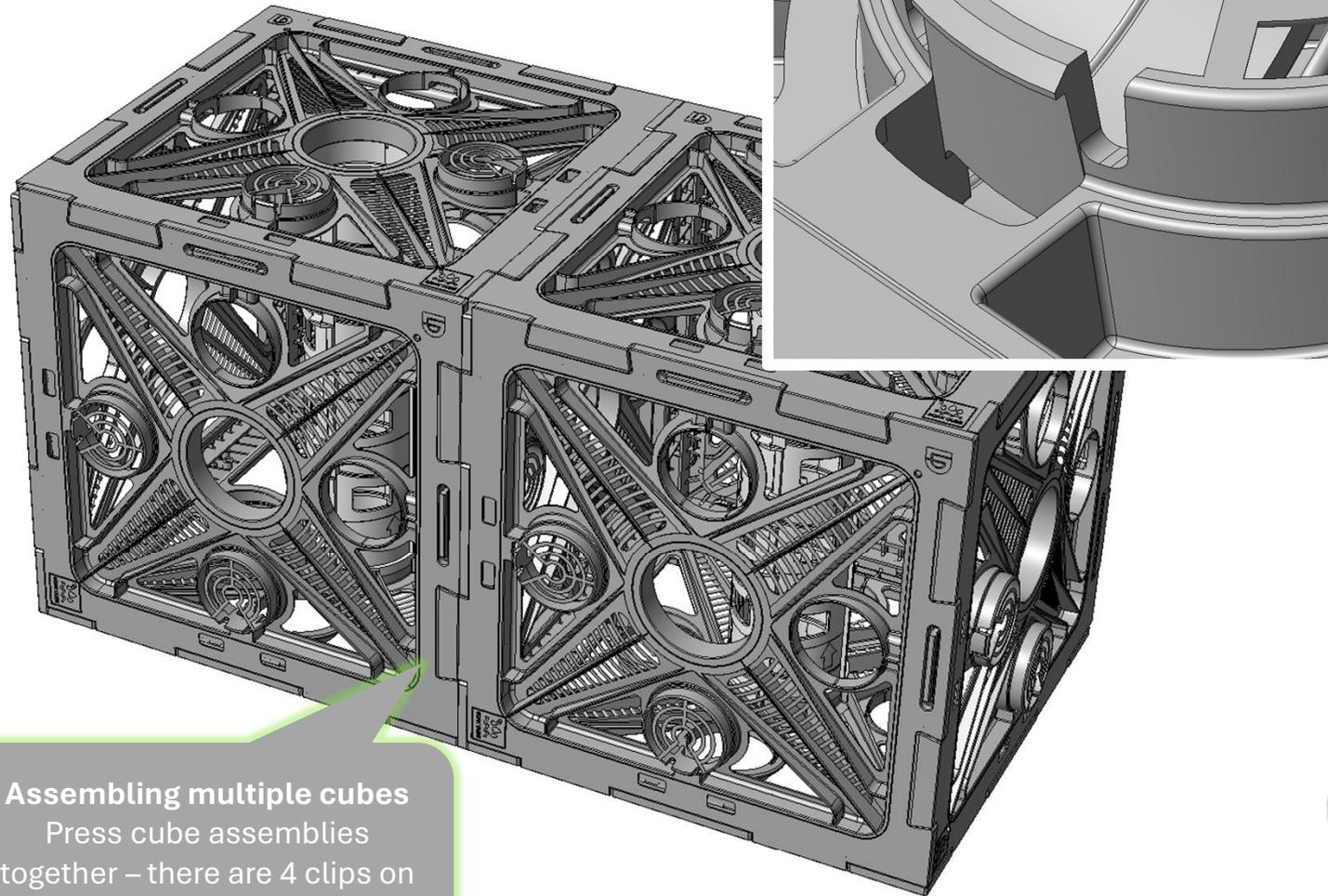
It is possible to reach through centre holes in panels 1,2,3 or 4 to check that it is located correctly and doesn't rotate more than 2 or 3 degrees.

# Soakcube 500 - Assembly



**Assembling multiple cubes**  
Check that the orientation of the cube assemblies are the same

## Soakcube 500 - Assembly



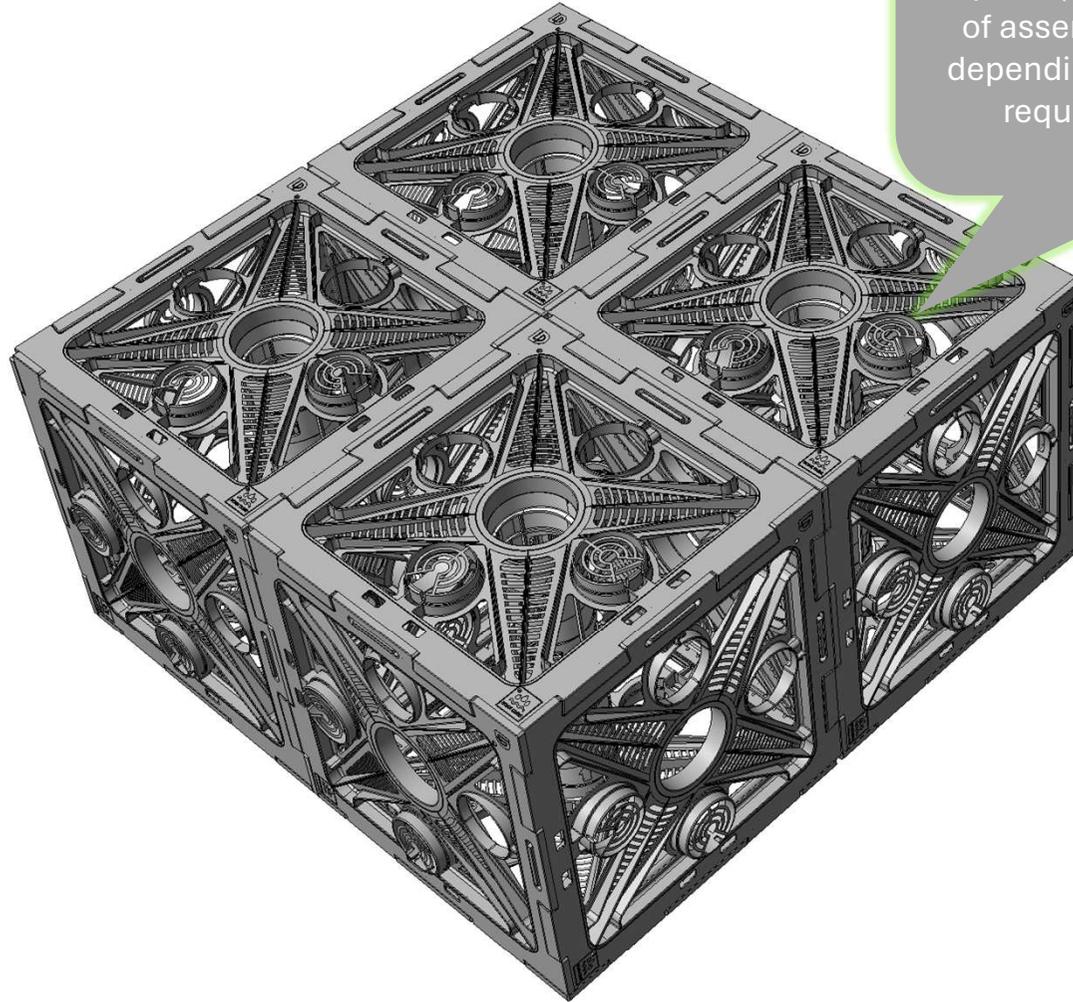
**Assembling multiple cubes**  
Press cube assemblies  
together – there are 4 clips on  
each side.



## Soakcube 500 - Assembly

### Assembling multiple cubes

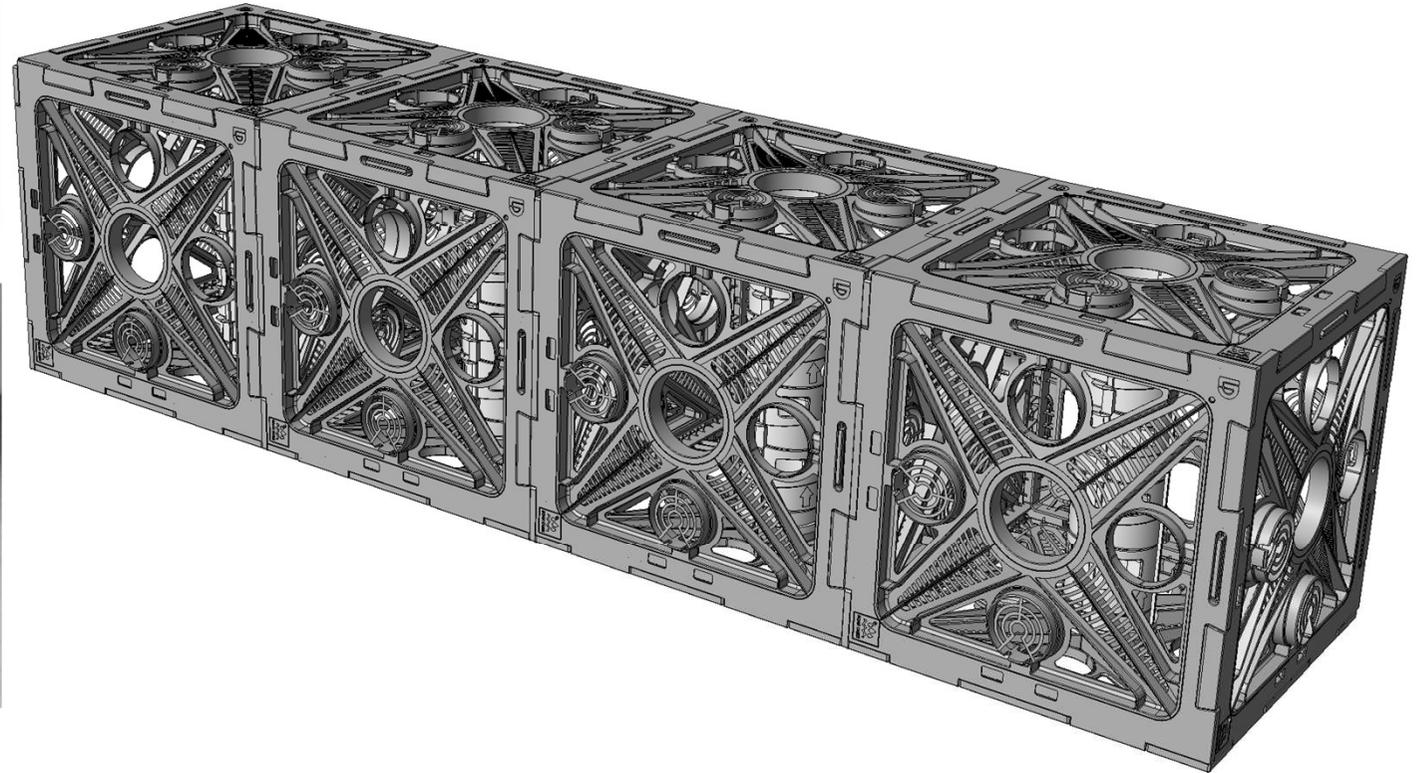
The strongest configuration is the square (as shown) although a variety of assembled shapes are possible depending on volume of attenuation required or if there are space limitations..



## Soakcube 500 - Assembly

### Assembling multiple cubes

Once the cubes are assembled and before burial, they should be wrapped with a good quality geo textile membrane (not supplied)



### Note:

Depending on the size of the assembly it may be necessary to wrap the cubes while located in the finished trench.

## Soakcube 500 - Assembly

---

<b>Recommended minimum burial depths</b>	<b>m</b>
Under Lawn	0.3
Under Patio	0.3
Under Driveways	0.5

See separate specification sheet:

Soakcube500\_Specification\_Issue1\_Rev01\_20241106 which is  
downloadable from our website.

---

